

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of Roger Cayton et al.

Serial No.: 09/726,686

Filed: November 29, 2000

) SUBSTANTIALLY TRANSPARENT  
) ABRASION-RESISTANT FILMS  
) CONTAINING SURFACE-TREATED  
) NANOCRYSTALLINE PARTICLES

) Attorney Docket: 12951US01

) Group Art Unit: 1773

) Examiner: Leszek B. Kiliman  
)

Assistant Commissioner for Patents  
Washington, D.C. 20231

**RESPONSE TO OFFICE ACTION**

Dear Sir:

In response to the Office Action of October 11, 2002, please amend the above-captioned application as follows:

**In the Claims**

Please amend the claims as follows:

1. (Amended) A process for forming a substantially transparent, abrasion-resistant film from a film-forming composition containing surface-treated nanocrystalline particles dispersed in a cross-linkable resin, the process comprising the steps of:

- (a) adding nanocrystalline particles to a medium, said nanocrystalline particles being selected from the group consisting of ceramics and metals;
- (b) mixing the nanocrystalline particles and medium to form a dispersion;
- (c) adding a surface treatment solution to the nanocrystalline particle dispersion, said surface treatment solution comprising one or more siloxane species;